

42. **PRO944**

Applicants have identified a cDNA clone that encodes a novel polypeptide having homology to Clostridium perfringens enterotoxin receptor (CPE-R), wherein the polypeptide is designated in the present application as "PRO944".

In one embodiment, the invention provides an isolated nucleic acid molecule comprising DNA encoding a PRO944 polypeptide. In one aspect, the isolated nucleic acid comprises DNA encoding the PRO944 polypeptide having amino acid residues 1 to 211 of Figure 98 (SEQ ID NO:270), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. In other aspects, the isolated nucleic acid comprises DNA encoding the PRO944 polypeptide having amino acid residues about 22 to 229 of Figure 98 (SEQ ID NO:270) or amino acid 1 or about 22 to X of Figure 98 (SEQ ID NO:270) where X is any amino acid from 77 to 80 of Figure 98 (SEQ ID NO:270), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. The isolated nucleic acid sequence may comprise the cDNA insert of the DNA52185-1370 vector deposited on May 14, 1998 as ATCC 209861 which includes the nucleotide sequence encoding PRO944.

In another embodiment, the invention provides isolated PRO944 polypeptide. In particular, the invention provides isolated native sequence PRO944 polypeptide, which in one embodiment, includes an amino acid sequence comprising residues 1 to 211 of Figure 98 (SEQ ID NO:270). Additional embodiments of the present invention are directed to PRO944 polypeptides comprising amino acids about 22 to 211 of Figure 98 (SEQ ID NO:270) or amino acid 1 or about 22 to X of Figure 98 (SEQ ID NO:270), where X is any amino acid from 77 to 86 of Figure 98 (SEQ ID NO:270). Optionally, the PRO944 polypeptide is obtained or is obtainable by expressing the polypeptide encoded by the cDNA insert of the DNA52185-1370 vector deposited on May 14, 1998 as ATCC 209861.

In another embodiment, the invention provides an expressed sequence tag (EST) designated herein as DNA14007 comprising the nucleotide sequence of Figure 99 (SEQ ID NO:271).

In another embodiment, the invention provides an expressed sequence tag (EST) designated herein as DNA12733 comprising the nucleotide sequence of Figure 100 (SEQ ID NO:272).

In another embodiment, the invention provides an expressed sequence tag (EST) designated herein as DNA12746 comprising the nucleotide sequence of Figure 101 (SEQ ID NO:273).

In another embodiment, the invention provides an expressed sequence tag (EST) designated herein as DNA12834 comprising the nucleotide sequence of Figure 102 (SEQ ID NO:274).

In another embodiment, the invention provides an expressed sequence tag (EST) designated herein as DNA12846 comprising the nucleotide sequence of Figure 103 (SEQ ID NO:275).

In another embodiment, the invention provides an expressed sequence tag (EST) designated herein as DNA13104 comprising the nucleotide sequence of Figure 104 (SEQ ID NO:276).

In another embodiment, the invention provides an expressed sequence tag (EST) designated herein as DNA13259 comprising the nucleotide sequence of Figure 105 (SEQ ID NO:277).

In another embodiment, the invention provides an expressed sequence tag (EST) designated herein as DNA13959 comprising the nucleotide sequence of Figure 106 (SEQ ID NO:278).

In another embodiment, the invention provides an expressed sequence tag (EST) designated herein as DNA13961 comprising the nucleotide sequence of Figure 107 (SEQ ID NO:279).

43. **PRO983**

Applicants have identified a cDNA clone that encodes a novel polypeptide having homology to a vesicle associated protein, VAP-33, wherein the polypeptide is designated in the present application as "PRO983".

In one embodiment, the invention provides an isolated nucleic acid molecule comprising DNA encoding a PRO983 polypeptide. In one aspect, the isolated nucleic acid comprises DNA encoding the PRO983 polypeptide having amino acid residues 1 to 243 of Figure 109 (SEQ ID NO:284), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. In other aspects, the isolated nucleic acid comprises DNA encoding the PRO983 polypeptide having amino acid residue 1 to X of Figure 109 (SEQ ID NO:284) where X is any amino acid from 219 to 228 of Figure 109 (SEQ ID NO:284), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. The isolated nucleic acid sequence may comprise the cDNA insert of the DNA53977-1371 vector deposited on May 14, 1998 as ATCC 209862 which includes the nucleotide sequence encoding PRO983.

In another embodiment, the invention provides isolated PRO983 polypeptide. In particular, the invention provides isolated native sequence PRO983 polypeptide, which in one embodiment, includes an amino acid sequence comprising residues 1 to 243 of Figure 109 (SEQ ID NO:284). Additional embodiments of the present invention are directed to PRO983 polypeptides comprising amino acid 1 to X of Figure 109 (SEQ ID NO:284), where X is any amino acid from 219 to 228 of Figure 109 (SEQ ID NO:284). Optionally, the PRO983 polypeptide is obtained or is obtainable by expressing the polypeptide encoded by the cDNA insert of the DNA53977-1371 vector deposited on May 14, 1998 as ATCC 209862.

In another embodiment, the invention provides an expressed sequence tag (EST) designated herein as DNA17130 comprising the nucleotide sequence of Figure 110 (SEQ ID NO:285).

In another embodiment, the invention provides an expressed sequence tag (EST) designated herein as DNA23466 comprising the nucleotide sequence of Figure 111 (SEQ ID NO:286).

In another embodiment, the invention provides an expressed sequence tag (EST) designated herein as DNA26818 comprising the nucleotide sequence of Figure 112 (SEQ ID NO:287).

In another embodiment, the invention provides an expressed sequence tag (EST) designated herein as DNA37618 comprising the nucleotide sequence of Figure 113 (SEQ ID NO:288).

In another embodiment, the invention provides an expressed sequence tag (EST) designated herein as DNA41732 comprising the nucleotide sequence of Figure 114 (SEQ ID NO:289).

In another embodiment, the invention provides an expressed sequence tag (EST) designated herein as DNA45980 comprising the nucleotide sequence of Figure 115 (SEQ ID NO:290).

In another embodiment, the invention provides an expressed sequence tag (EST) designated herein as DNA46372 comprising the nucleotide sequence of Figure 116 (SEQ ID NO:291).

44. **PRO1057**

Applicants have identified a cDNA clone that encodes a novel polypeptide having homology to proteases, wherein the polypeptide is designated in the present application as "PRO1057".

In one embodiment, the invention provides an isolated nucleic acid molecule comprising DNA encoding a PRO1057 polypeptide. In one aspect, the isolated nucleic acid comprises DNA encoding the PRO1057 polypeptide having amino acid residues 1 to 413 of Figure 118 (SEQ ID NO:296), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. In other aspects, the isolated nucleic acid comprises DNA encoding the PRO1057 polypeptide having amino acid residues about 17 to 413 of Figure 118 (SEQ ID NO:296), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. The isolated nucleic acid sequence may comprise the cDNA insert of the DNA57253-1382 vector deposited on May 14, 1998 as ATCC 209867 which includes the nucleotide sequence encoding PRO1057.

In another embodiment, the invention provides isolated PRO1057 polypeptide. In particular, the invention provides isolated native sequence PRO1057 polypeptide, which in one embodiment, includes an amino acid sequence comprising residues 1 to 413 of Figure 118 (SEQ ID NO:296). Additional embodiments of the present invention are directed to PRO1057 polypeptides comprising amino acids about 17 to 413 of Figure 118 (SEQ ID NO:296). Optionally, the PRO1057 polypeptide is obtained or is obtainable by expressing the polypeptide encoded by the cDNA insert of the DNA57253-1382 vector deposited on May 14, 1998 as ATCC 209867.

45. PRO1071

Applicants have identified a cDNA clone that encodes a novel polypeptide having homology to thrombospondin, wherein the polypeptide is designated in the present application as "PRO1071".

In one embodiment, the invention provides an isolated nucleic acid molecule comprising DNA encoding a PRO1071 polypeptide. In one aspect, the isolated nucleic acid comprises DNA encoding the PRO1071 polypeptide having amino acid residues 1 to 525 of Figure 120 (SEQ ID NO:301), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. In other aspects, the isolated nucleic acid comprises DNA encoding the PRO1071 polypeptide having amino acid residues about 26 to 525 of Figure 120 (SEQ ID NO:301), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. The isolated nucleic acid sequence may comprise the cDNA insert of the DNA58847-1383 vector deposited on May 20, 1998 as ATCC 209879 which includes the nucleotide sequence encoding PRO1071.

In another embodiment, the invention provides isolated PRO1071 polypeptide. In particular, the invention provides isolated native sequence PRO1071 polypeptide, which in one embodiment, includes an amino acid sequence comprising residues 1 to 525 of Figure 120 (SEQ ID NO:301). Additional embodiments of the present invention are directed to PRO1071 polypeptides comprising amino acids about 26 to 525 of Figure 120 (SEQ ID NO:301). Optionally, the PRO1071 polypeptide is obtained or is obtainable by expressing the polypeptide encoded by the cDNA insert of the DNA58847-1383 vector deposited on May 20, 1998 as ATCC